

FIG. 1

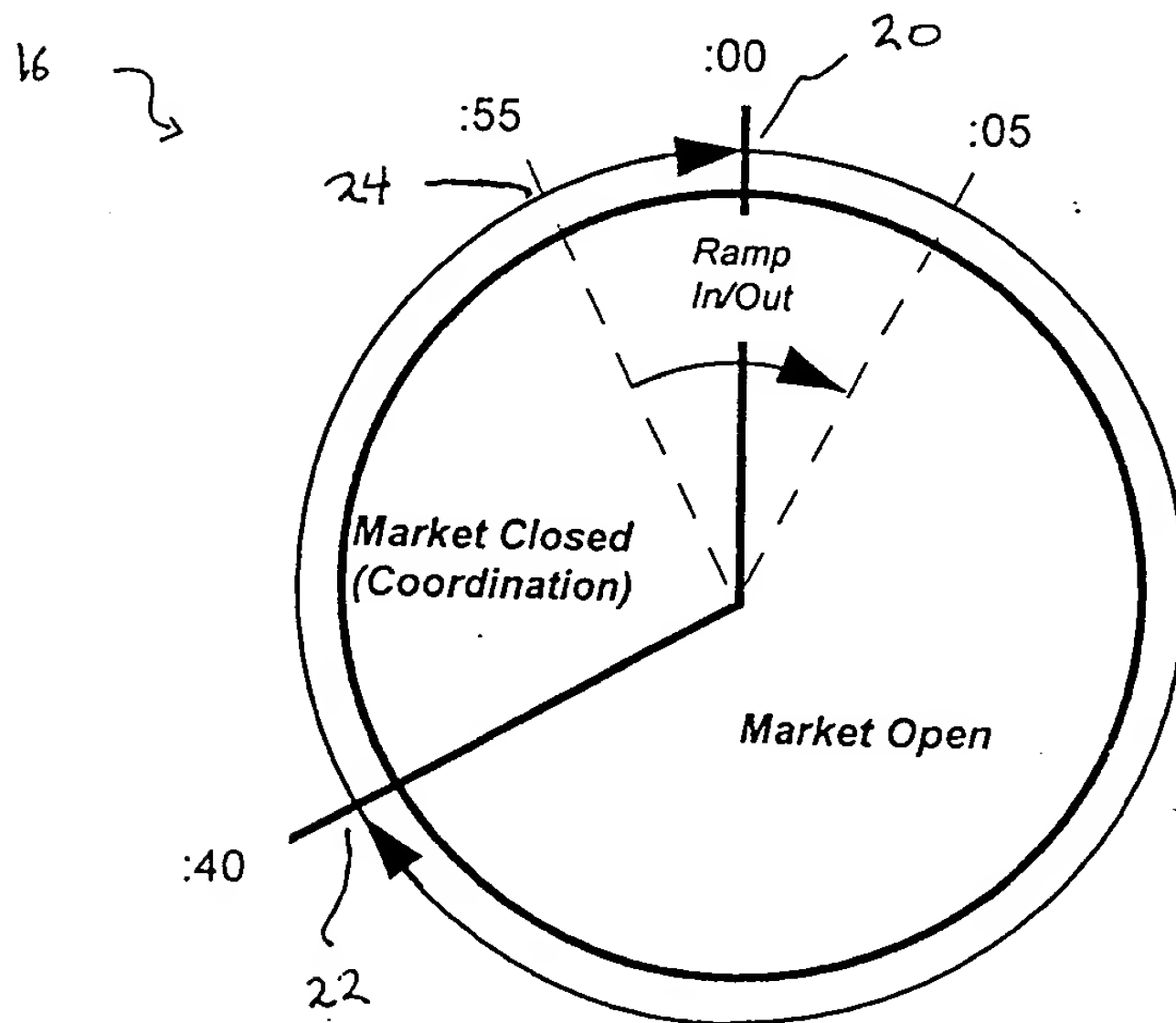


FIG. 2

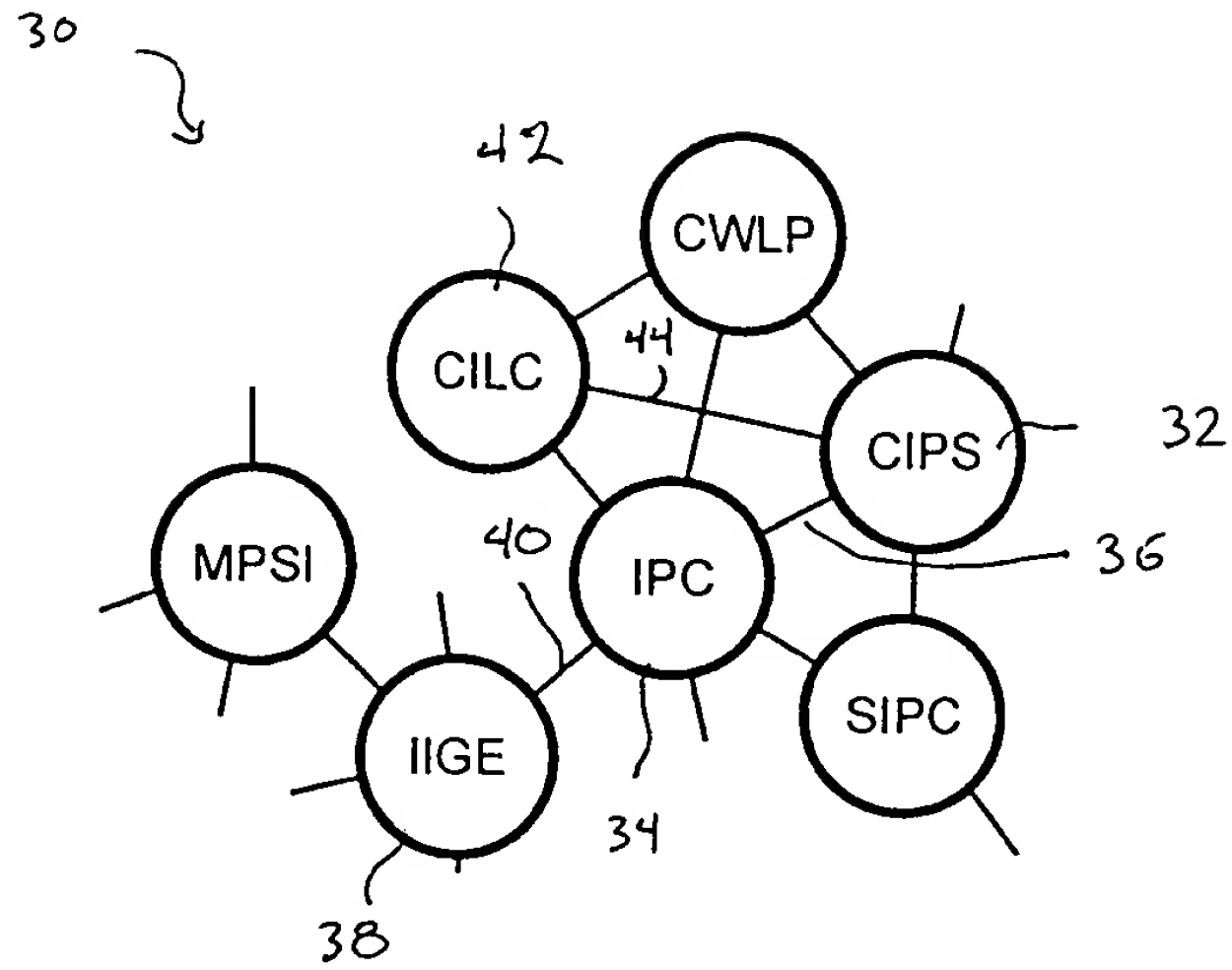


FIG. 3

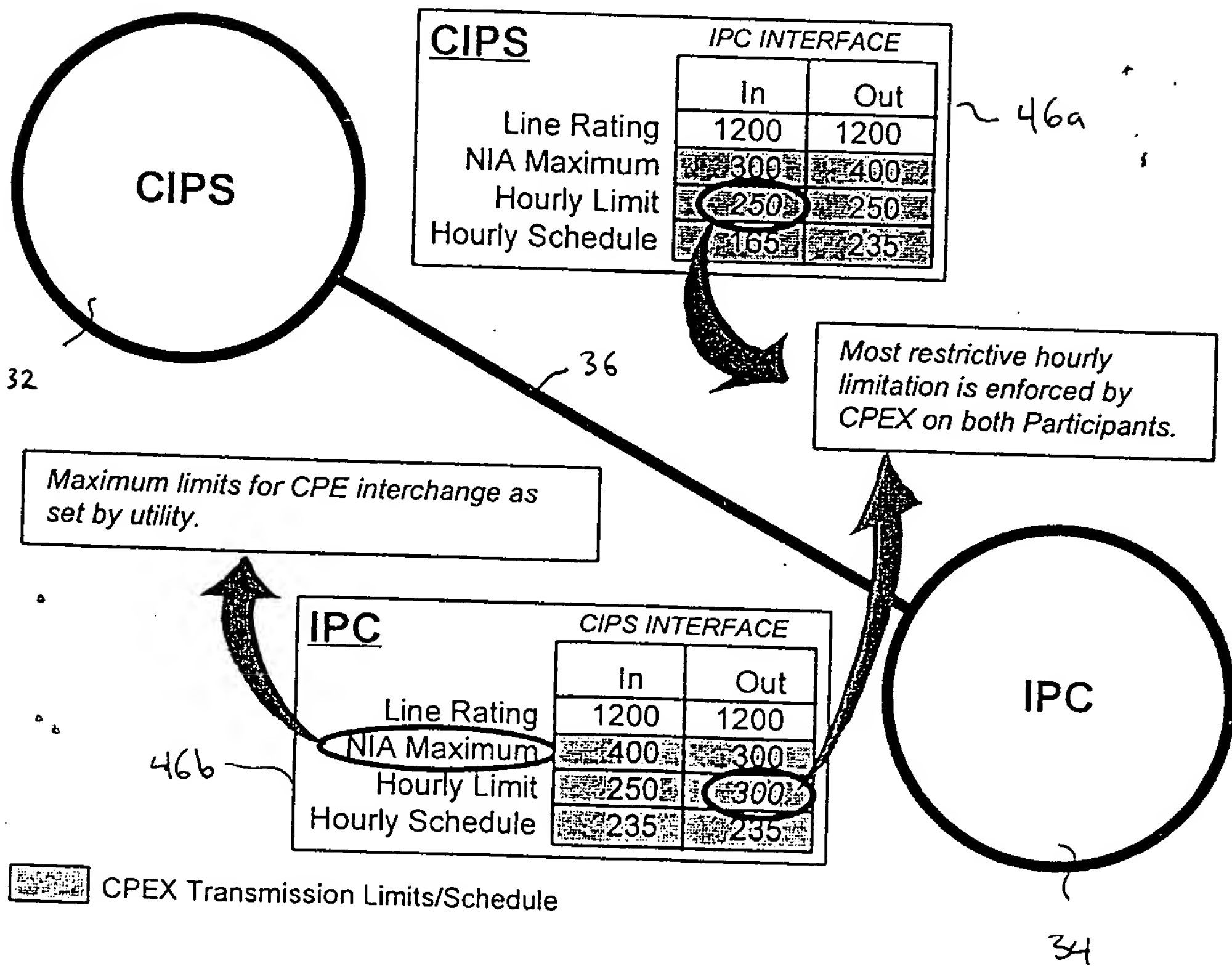


FIG. 4

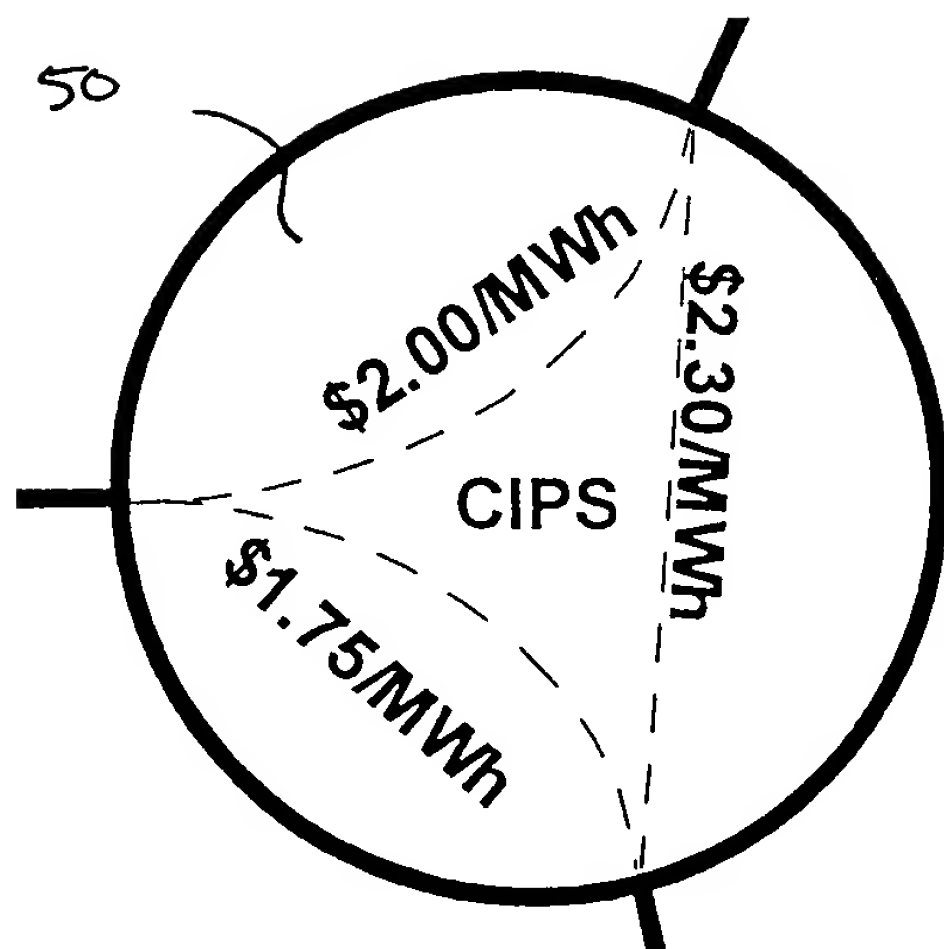


FIG. 5

60 ~

FIG. 6

74 ~

FIG. 7

User Maintenance

File Admin

User List

First I CILCO
fredo o cilcouser

90

92

94

106

96

108

110

Name
Last First MI

Employee ID Login ID Reset Password

Access Level
Market Trader

Default View
CPEX View

Close Refresh New Update Delete Help

Edit Primary Contracts View Secondary Contracts Review Path Status

FIG. 8

Contacts

File Admin

Participant Oklahoma Public Power

Control Center Supervisor

name John Schmaltz

phone 217-424-0023

fax 217-424-0022

CPEX System Administrator

name Deborah Billson

phone 217-425-8899

fax 217-425-1212

Accounting

name Dennis Swell

phone 217-424-3131

fax 217-424-3232

Refresh Update Close

FIG. 9

112

Edit Primary Contract Display

CILCO can Sell to:

Participant Type: **All**

No Contract With:

- ASSOC - Asociato Electricidad Supplicanto
- BREC - Big River Electric Company
- CIPS - Central Illinois Power
- CSW - CENTRAL AND SOUTHWEST
- CWLP - Crisp Waters Light and Power
- DPL - Dayton Power & Light Company
- EMPIRE - Empire Electric
- ENTERGY - Entergy

Contract With:

Add Remove

Select All Clear All

CILCO can Wheel for:

Participant Type: **All**

No Contract With:

- ASSOC - Asociato Electricidad Supplicanto
- BREC - Big River Electric Company
- CIPS - Central Illinois Power
- CSW - CENTRAL AND SOUTHWEST
- CWLP - Crisp Waters Light and Power
- DPL - Dayton Power & Light Company
- EMPIRE - Empire Electric
- ENTERGY - Entergy

Contract With:

Add Remove

Select All Clear All

Close Help

114

FIG. 10

View Secondary Contract Display for CILCO

Participant Type: NIA

Contracts to Buy From:

Contracts to Use Wheelers:

Close Help

116

FIG. 11

118

118

Review Contract Path Status Display for CILCO

List Filters:

Seller:

	Path (s-w-w-w-w-b)	Status	Start Date	End Date
1	ASSOC>OPPD>MDW>IIGE>IP>CVLP>CILCO			
2	CILCO>CVLP>IP>IIGE>MDW>OPPD>ASSOC			
3	CILCO>IP>IIGE>MDW>ISTATE>SJLP>LES			
4	LES>SJLP>ISTATE>MDW>IIGE>IP>CILCO			
5	CILCO>IP>IIGE>MDW>KCPL>ASSOC>EMPIRE			
6	EMPIRE>ASSOC>KCPL>MDW>IIGE>IP>CILCO			
7	CILCO>IP>IIGE>MDW>KCPL>EMPIRE>SWEPCO			
8	SWEPCO>EMPIRE>KCPL>MDW>IIGE>IP>CILCO			
9	ASSOC>NPPD>MDW>ISTATE>IIGE>IP>CILCO			
10	CILCO>IP>IIGE>ISTATE>MDW>NPPD>ASSOC			
11	CILCO>CIPS>IP>IIGE>ISTATE>KCPL>OPPD			
12	OPPD>KCPL>ISTATE>IIGE>IP>CIPS>CILCO			
13	BREC>SIPCO>CIPS>CVLP>IP>CILCO			
14	CILCO>IP>CVLP>CIPS>SIPCO>BREC			

Path Status:

120

122

Fig. 12

CIPS - Market Open

Please confirm transmission limits

Interface Name	Max In	Max Out	Limit In	Limit Out
CILC	400	200	150	200
SIPC	175	400	100	200
IPC	250	250	200	200
CWLP	375	200	300	200

0

Confirm

FIG. 13

CIPS - Market View Hour Ending: 900

Buy Sell Buy Market Sell Market Schedule Buy Sell Buy Market Sell Market Schedule

134 136

138 140 142 144 146 128

148

152

150 130 132

B/S	MWh	N/I	Interface
Buy	0	0	100
Sell	0	(0)	
Net	0	0	
Wheel	0	0	100

Text Graph MWh Graph \$

300 In 0 Out 300

CILC CWLP IPC SIPC

Transmission Future Market Reveal Current Next Reports Logout Help

FIG. 14

148

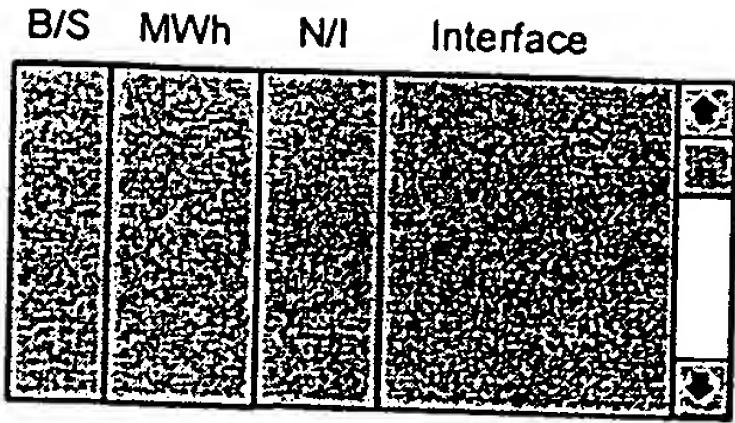
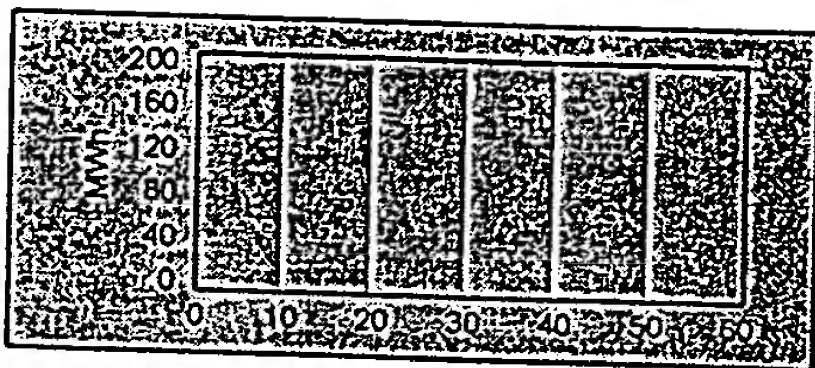


FIG. 15a

	MWhs	\$	Pl
Buy	0	0	100
Sell	0	10	
Net	0	0	
Wheel	0	0	100

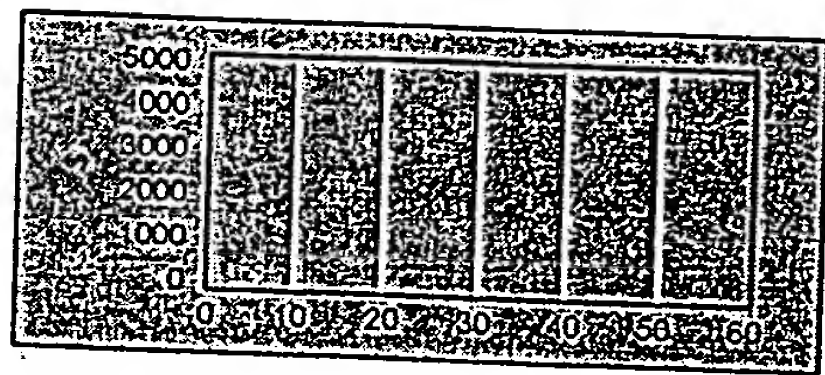
154 ☒ Text ☐ Graph MWh ☐ Graph \$

FIG. 15b



158 ☐ Text ☒ Graph MWh ☐ Graph \$

FIG. 15c



☐ Text ☐ Graph MWh ☒ Graph \$ 158

FIG. 15d

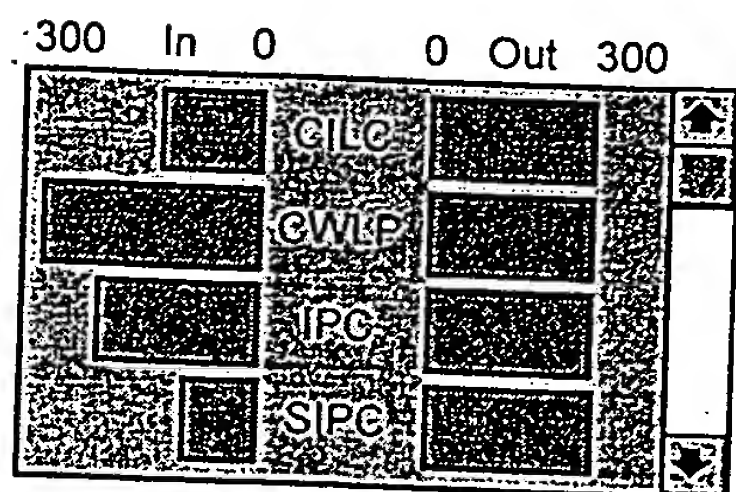


FIG. 15e

140

CIPS - Market View Hour Ending: 900

Buy Sell Buy Market Sell Market Schedule

Offers - Not Yet Taken Withdraw

MWh	\$/MWh	N/I	# Viewers
			138

Add Offers:

MWh	\$/MWh	N/I	Usage Fee
			160

Send Add Delete

Buy Sell Buy Market Sell Market Schedule

Offers - Not Yet Taken Withdraw

MWh	\$/MWh	N/I	# Viewers

Add Offers:

MWh	\$/MWh	N/I

Send Add Delete

B/S MWh N/I Interface

--	--	--

MWhs \$ PI

Buy	0	0	100
Sell	0	(0)	
Net	0	0	
Wheel	0	0	100

Text Graph MWh Graph \$

300 In 0 Out 300

GILC	
CWLP	
IPC	
SIPC	

02 Transmission Future Market Reveal

Current Next

Reports Logout Help

FIG. 16

CIPS - Market View Hour Ending: 900

Buy Sell Buy Market Sell Market Schedule

Offers - Not Yet Taken Withdraw

MWh	\$/MWh	N/I	# Viewers

Add Offers:

MWh	\$/MWh	N/I	Usage Fee
		162	
		164	

Send Add Delete

B/S MWh N/I Interface

	MWhs	\$	PI
Buy	0	0	100
Sell	0	(0)	
Net	0	0	
Wheel	0	0	100

300 In 0 Out 300

GLC GWLP SPC SPC

Text Graph MWh Graph \$

02 Transmission Future Market Reveal Current Next Reports Logout Help

FIG. 17

Buy Confirmation

Confirm the following transactions to be placed on the Market?

MWh	\$/MWh	N/I
20	15.00	I
20	15.50	I
20	16.00	I

Confirm Cancel

166

168

FIG. 18

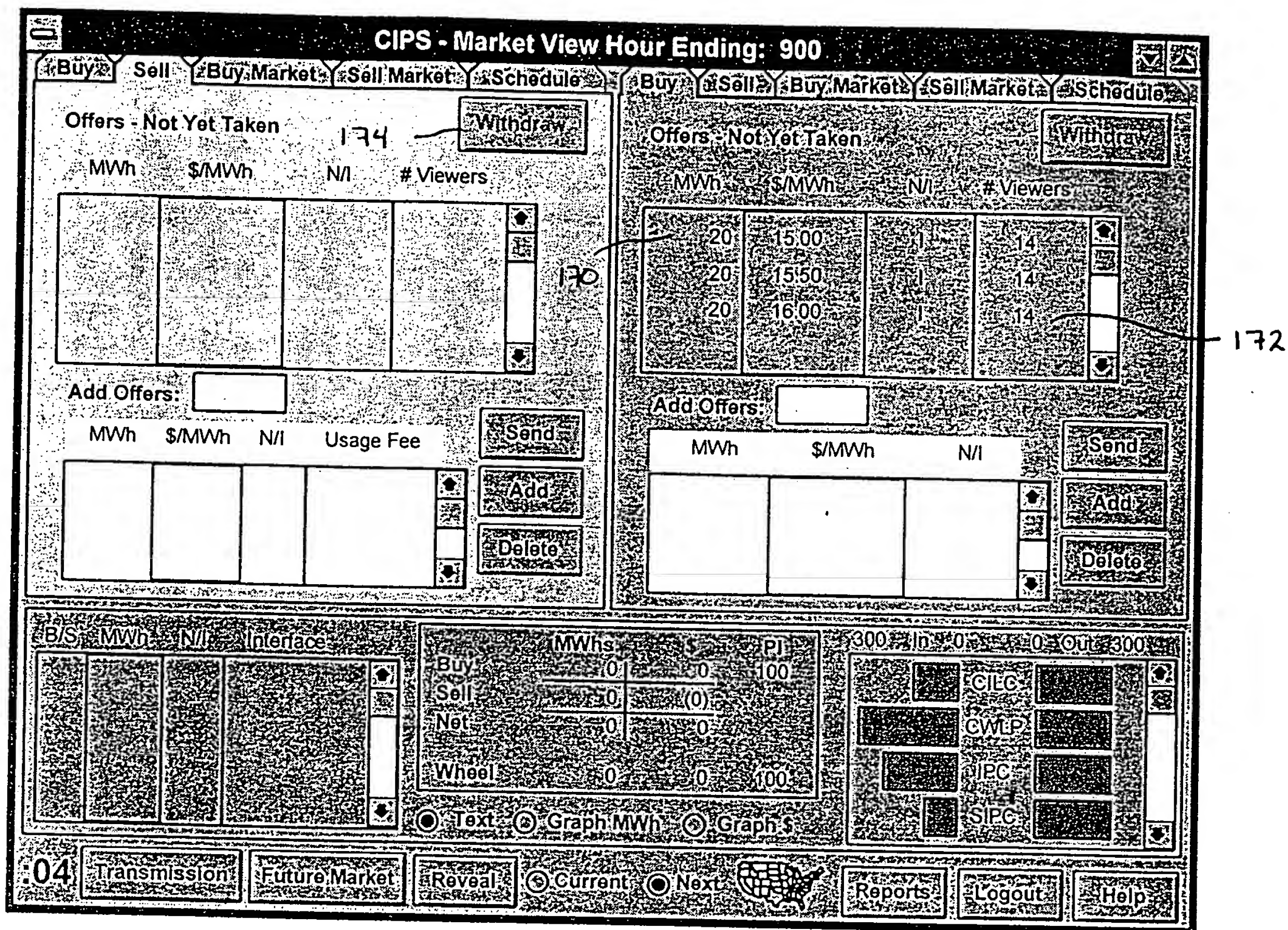


FIG. 19

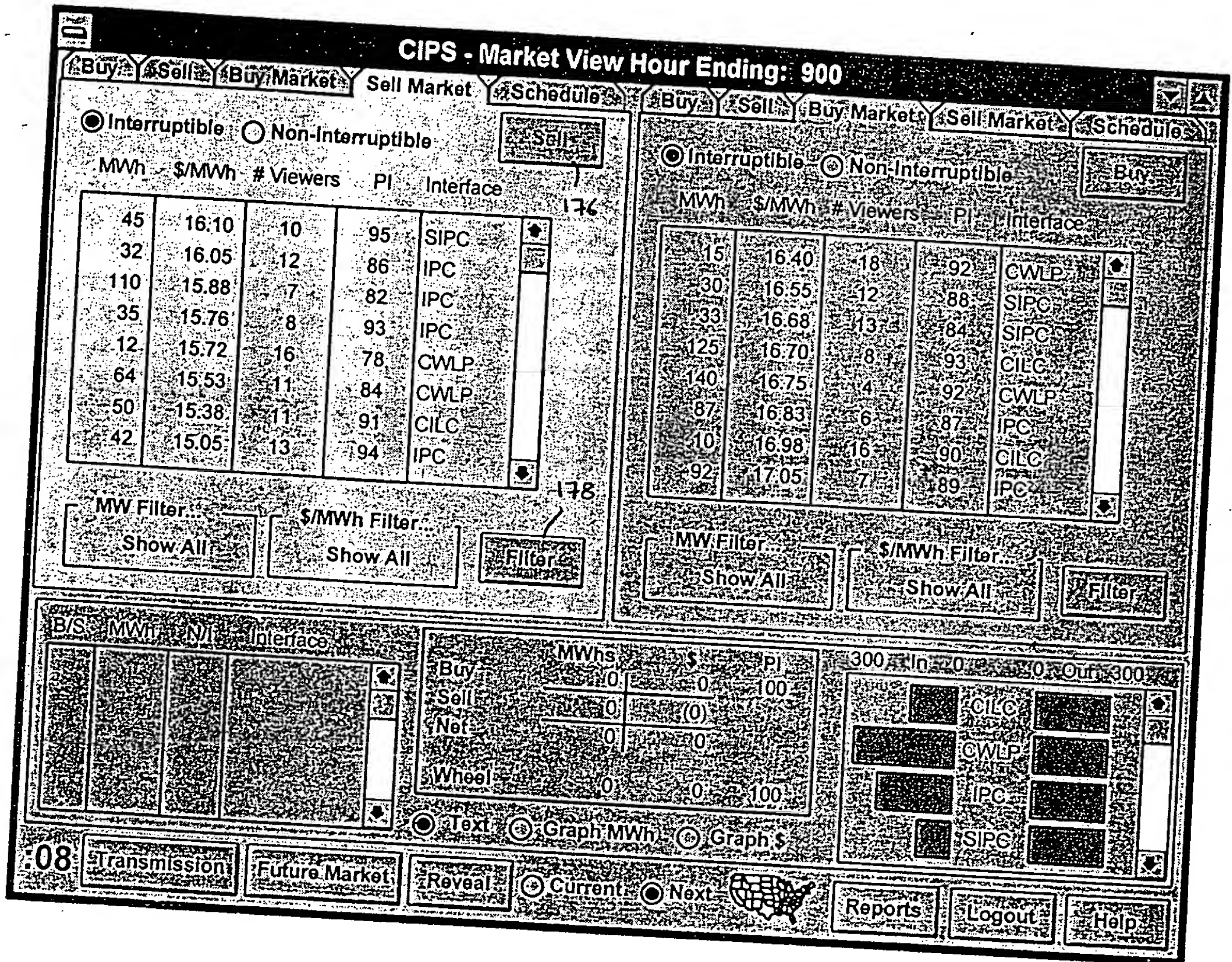


FIG. 20

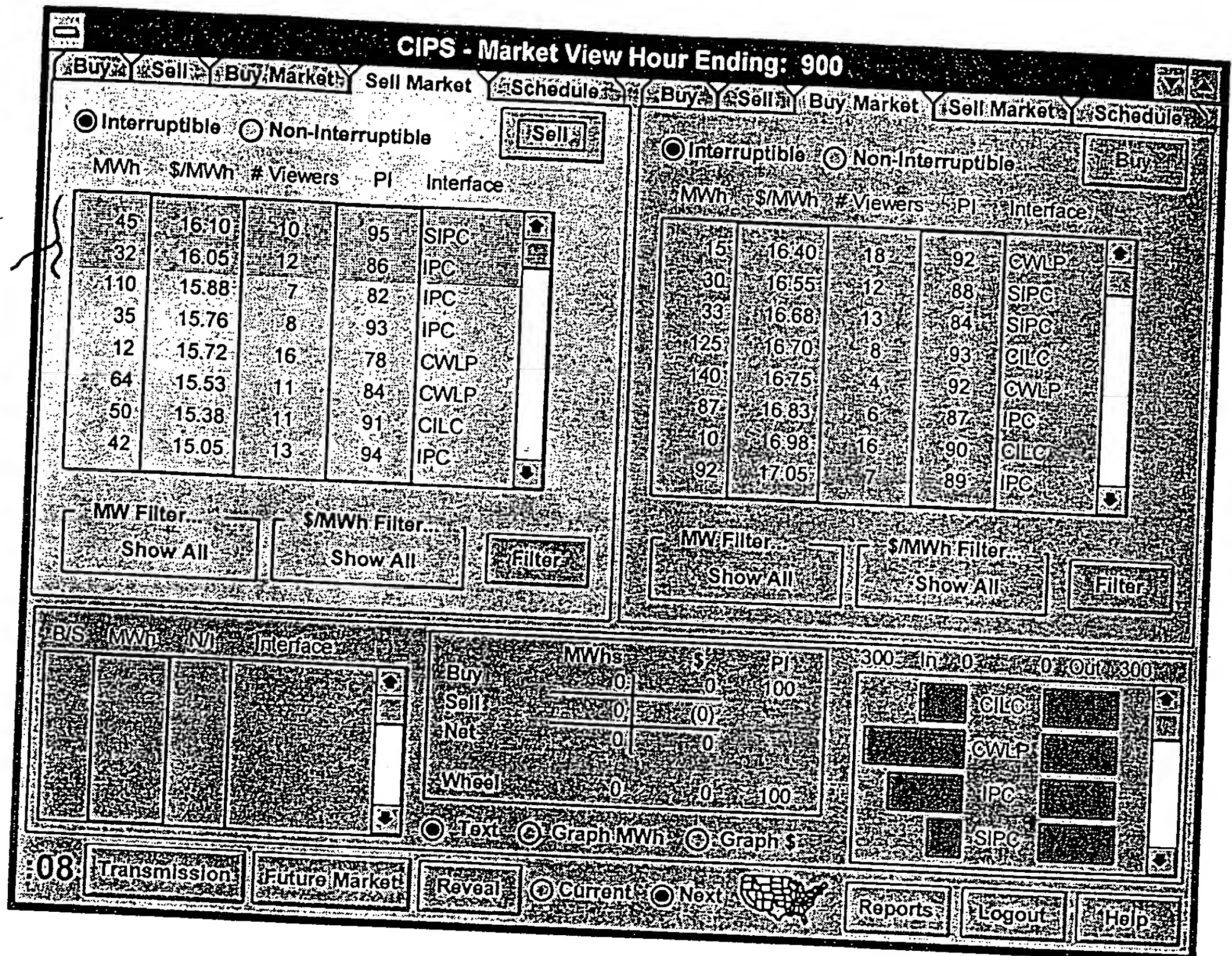


FIG. 21

182

Sell Confirmation

Confirm you want to sell the following transactions?

MWh	\$/MWh	N/I
45	16.10	I
32	16.05	I

FIG. 22

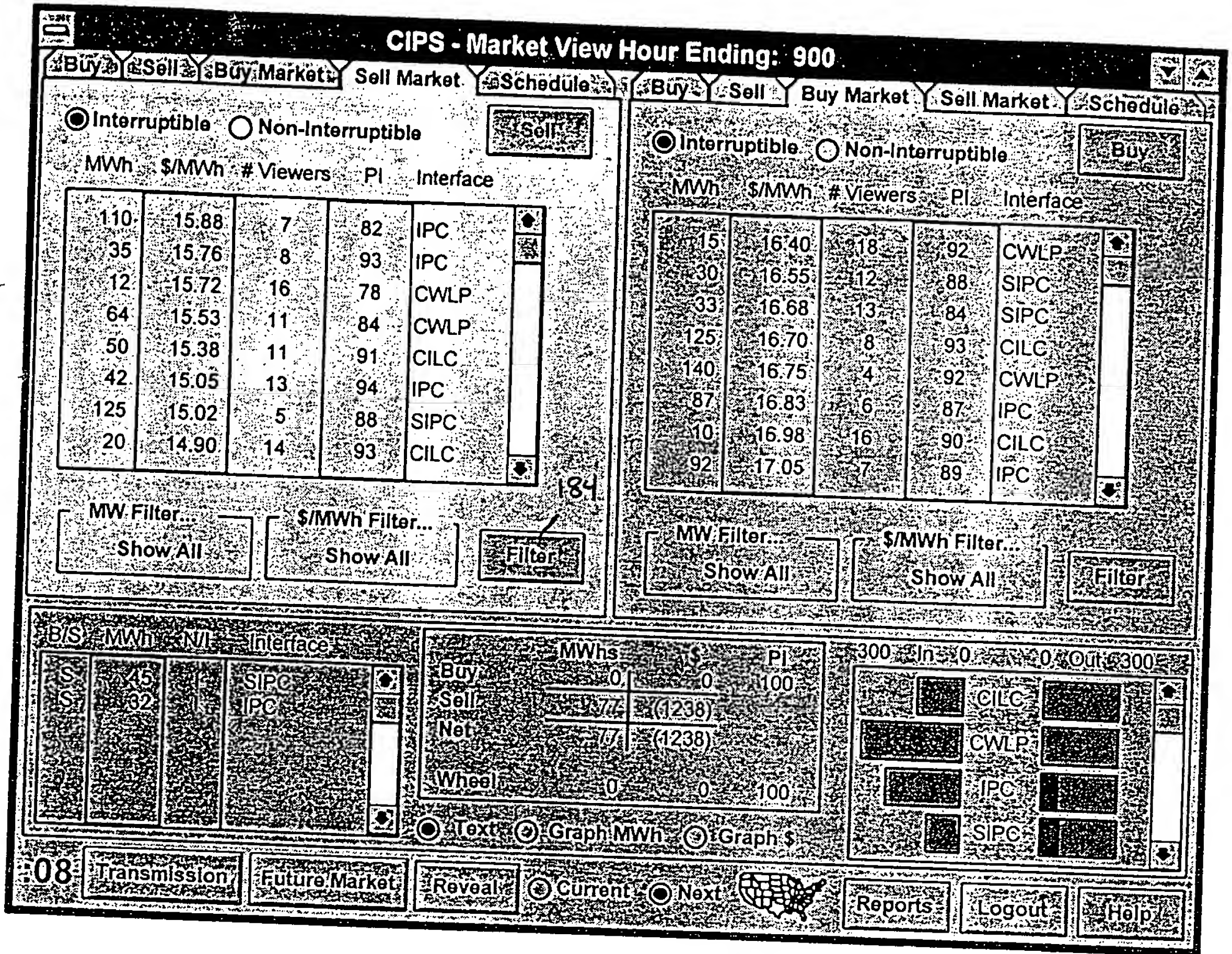


Fig. 23

Fig. 24

186

Market Filters

MWh... \$/MWh...

☒ Show All ☐ Show All

☐ >= ☐ >=

☐ <= ☐ <=

Fig. 25

Market Filters

MWh... \$/MWh...

☐ Show All ☐ Show All

☐ >= ☐ >=

☒ <= ☒ <=

188

190

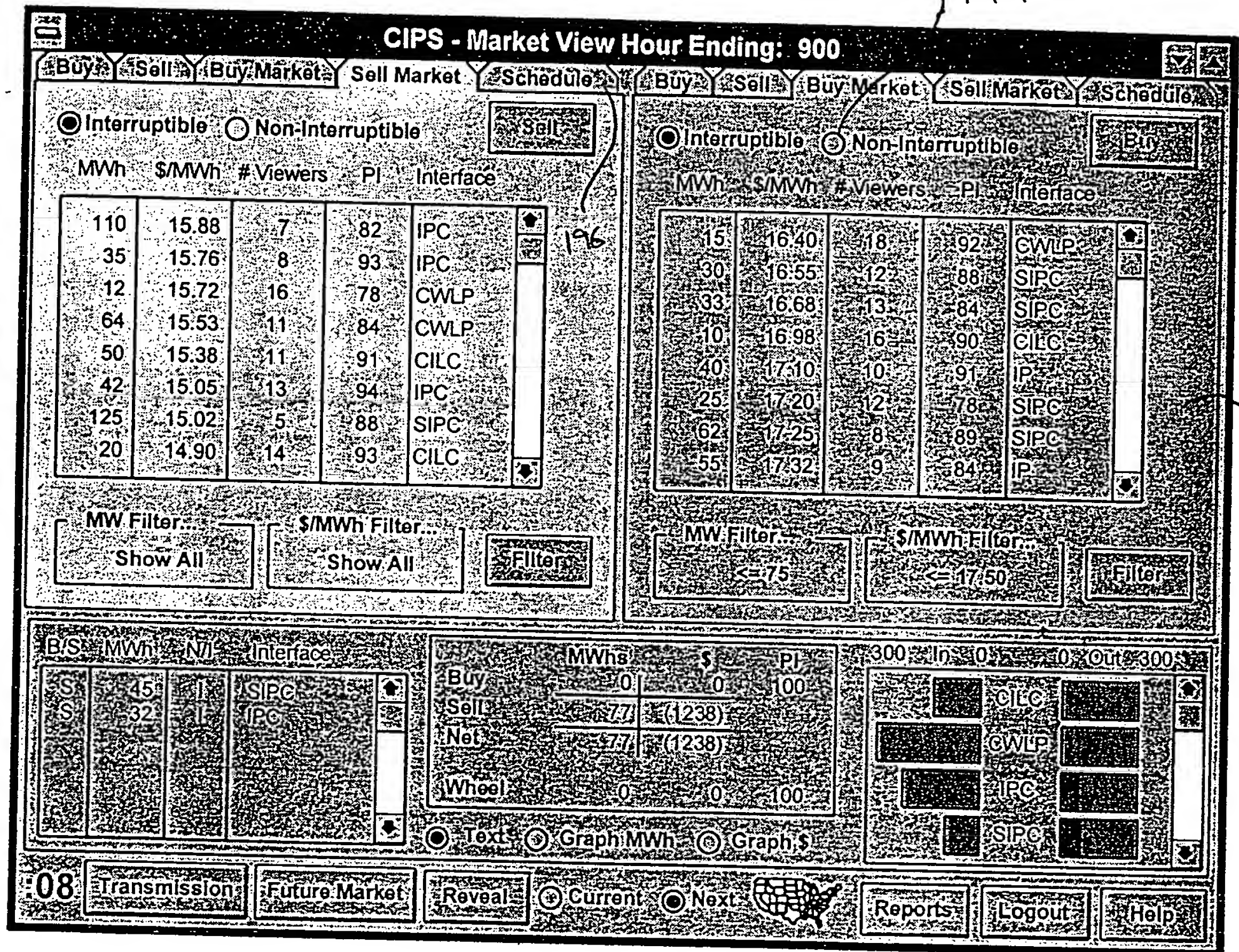
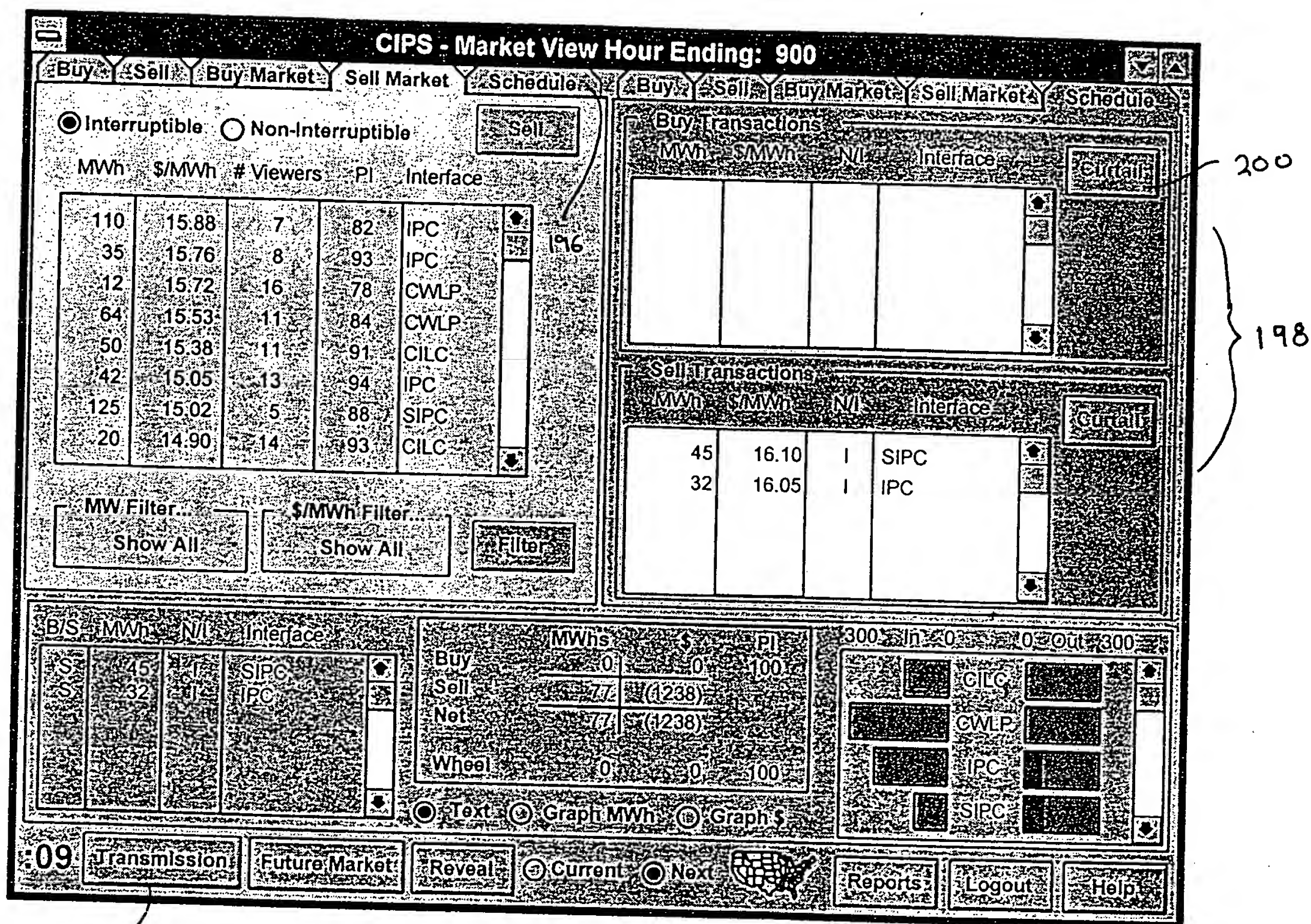


FIG. 26



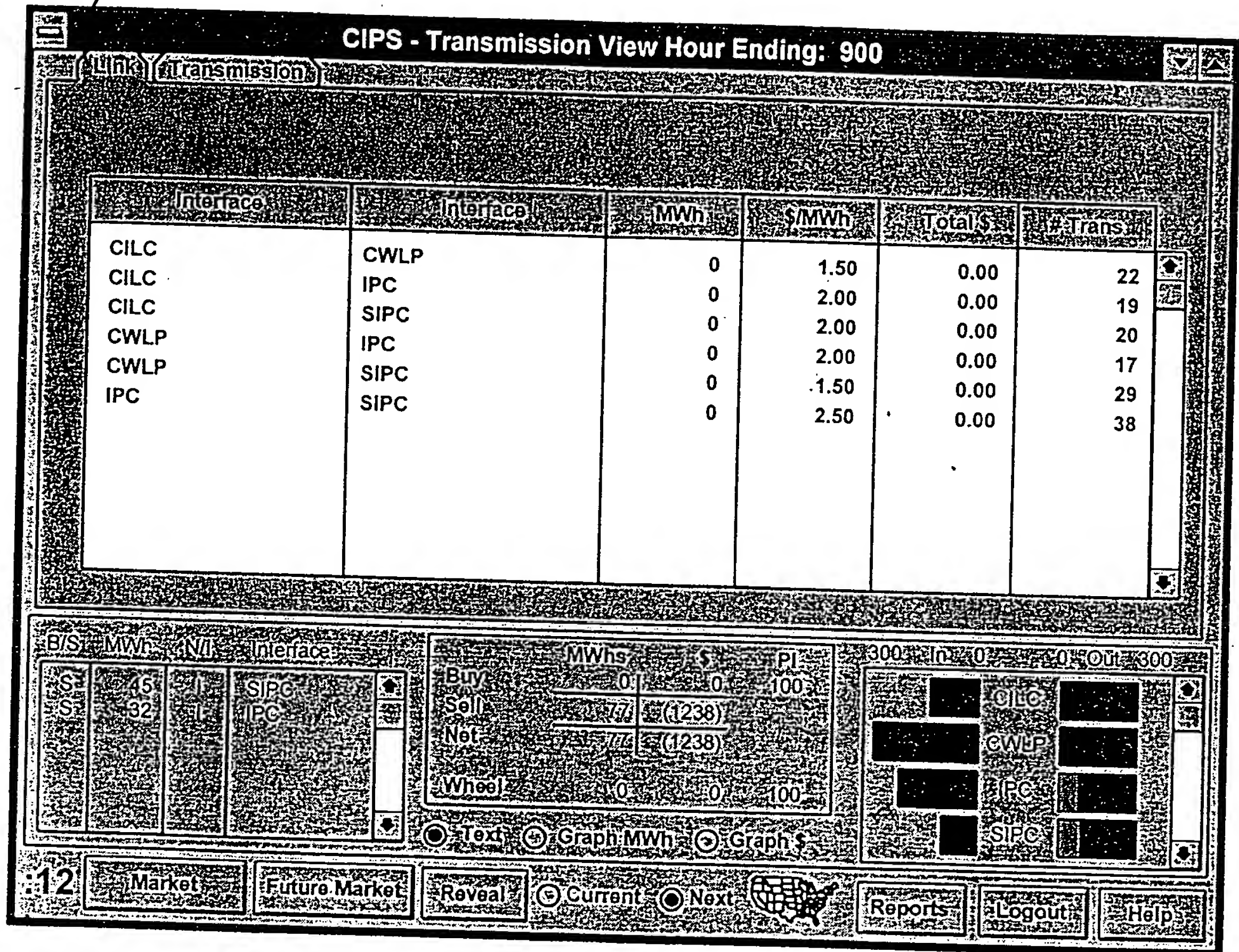


FIG. 28

206

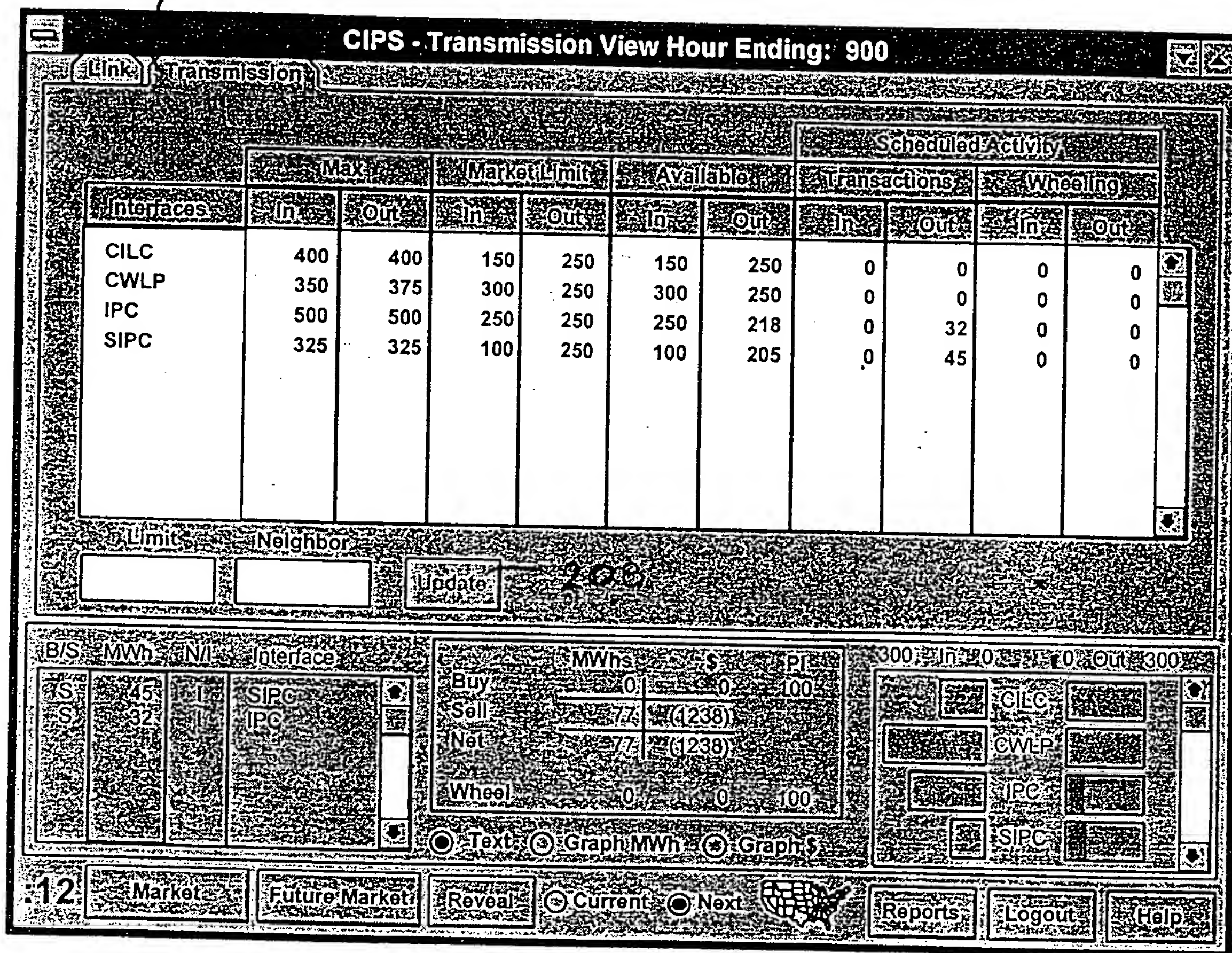


FIG. 29

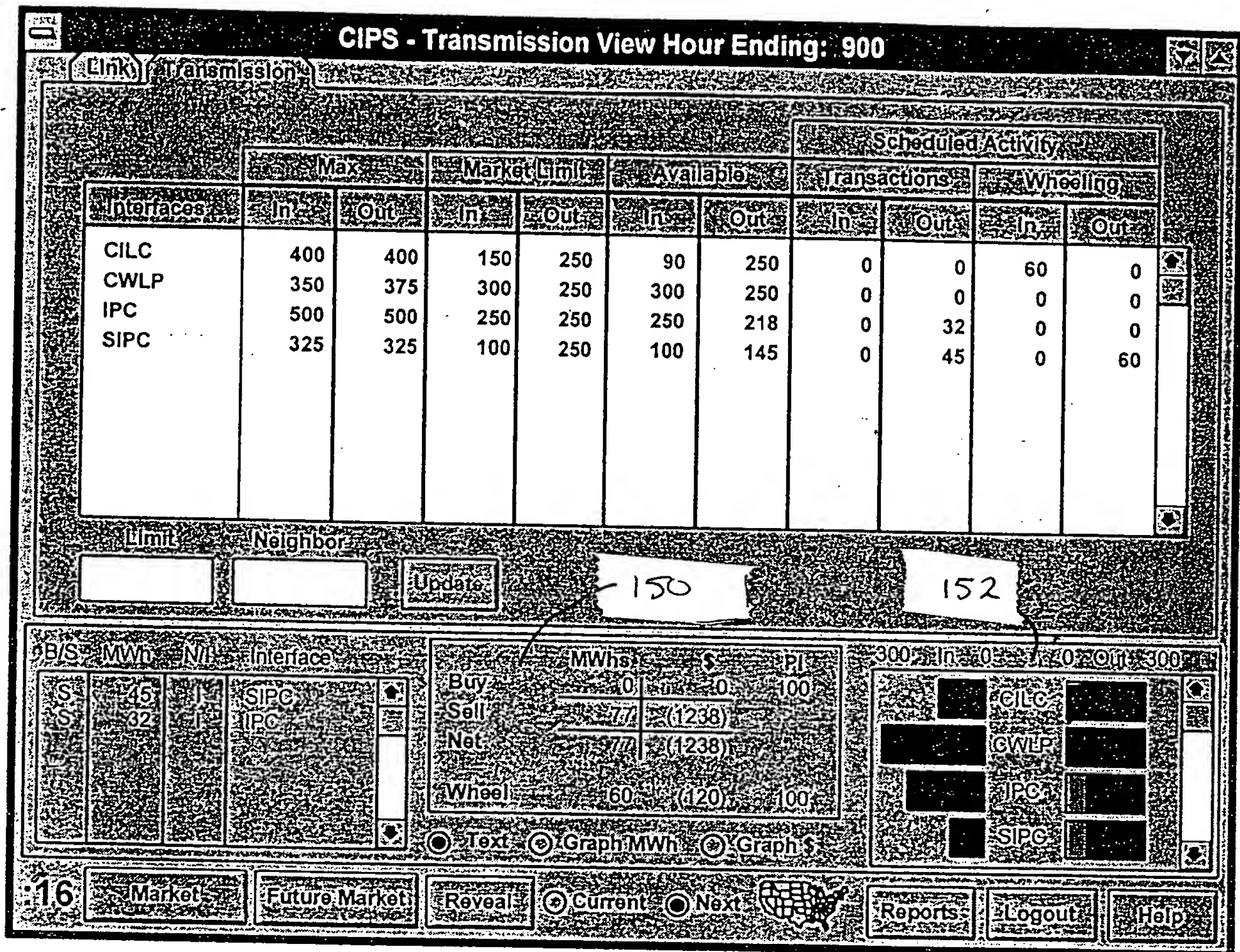
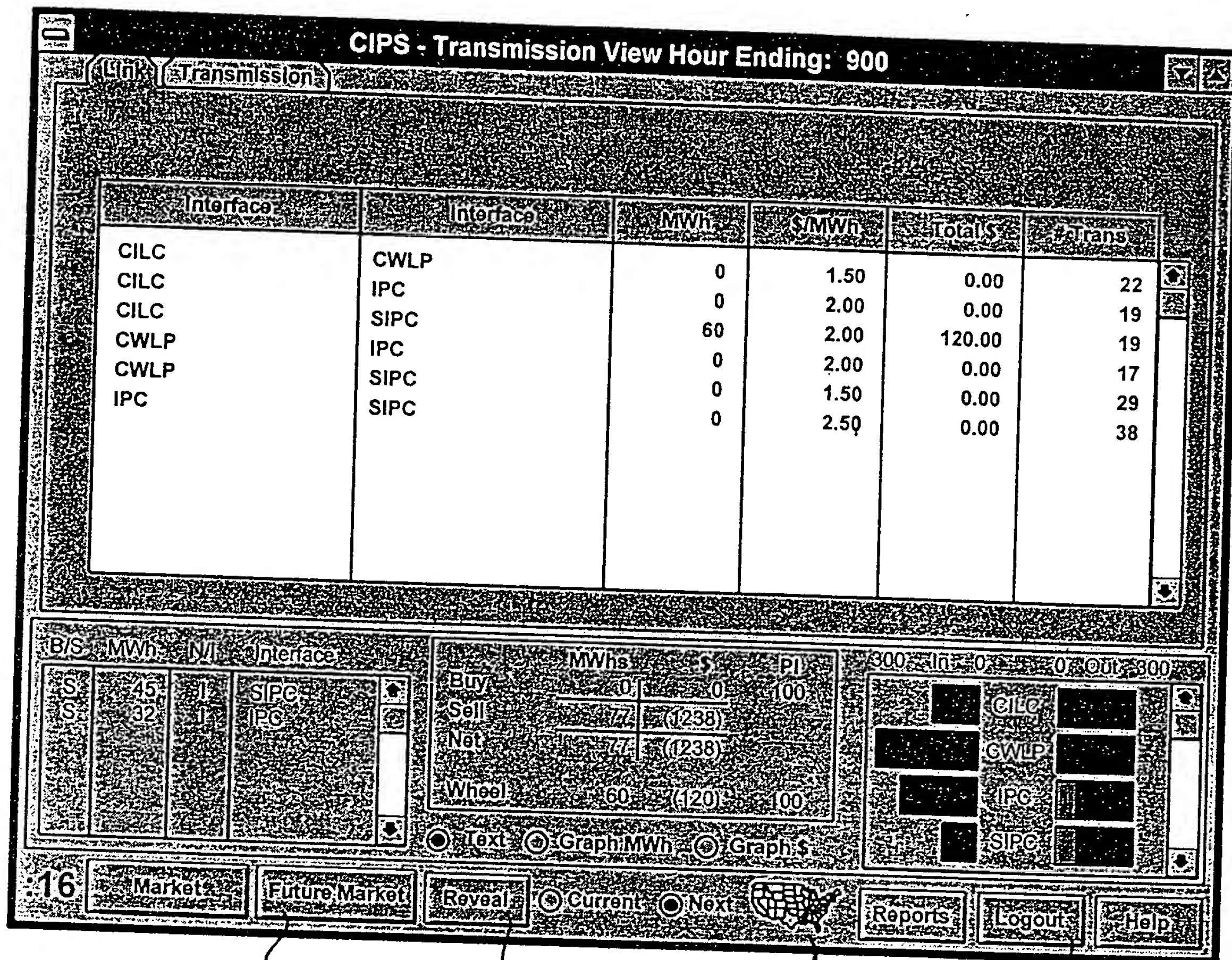


Fig. 30



214

216

218

220

FIG. 31

CIPS - Schedule

Next hour transaction schedule is:

Buy Transactions

MWh	\$/MWh	N/I	Interface

Sell Transactions

MWh	\$/MWh	N/I	Interface
45	16.10	I	SIPC
32	16.05	I	IPC

Transmission

Interface	MWh	Direction
CILC	60	Received
CWLP	0	
IPC	32	Delivered
SIPC	105	Delivered

Net MWh Delivered: **77**

Confirm

210

212

FIG. 32

Future Markets Setup

Add Buy Offer:

MWh	\$/MWh	N/I
35	14.00	I
50	13.25	I

Transmission Service \$/MWh

Interface	Interface	Cost
CILC	CWLP	1.50
CILC	IPC	2.00
CILC	SIPC	2.00
CWLP	IPC	2.00
CWLP	SIPC	1.50
IPC	SIPC	2.50

Add Sell Offer:

MWh	\$/MWh	N/I	Usage Fee
40	17.50	I	
40	17.50	I	
30	19.00	I	
85	28.00	I	

Transmission Limits MWh

Interface Name	Max In	Max Out	Limit In	Limit Out
CILC	400	400	150	250
CWLP	350	375	300	250
IPC	500	500	250	250
SIPC	325	325	100	250

FIG. 33

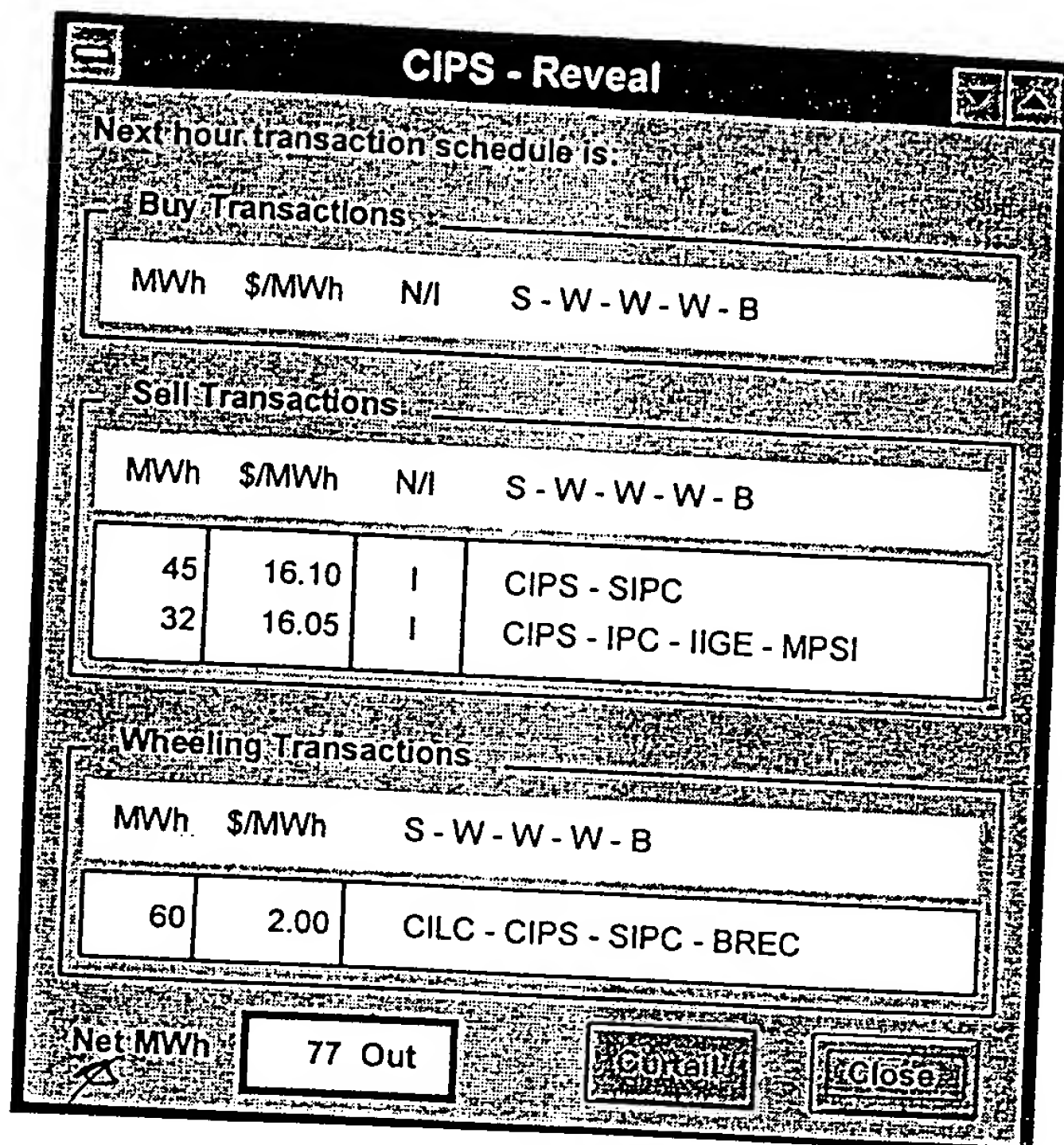
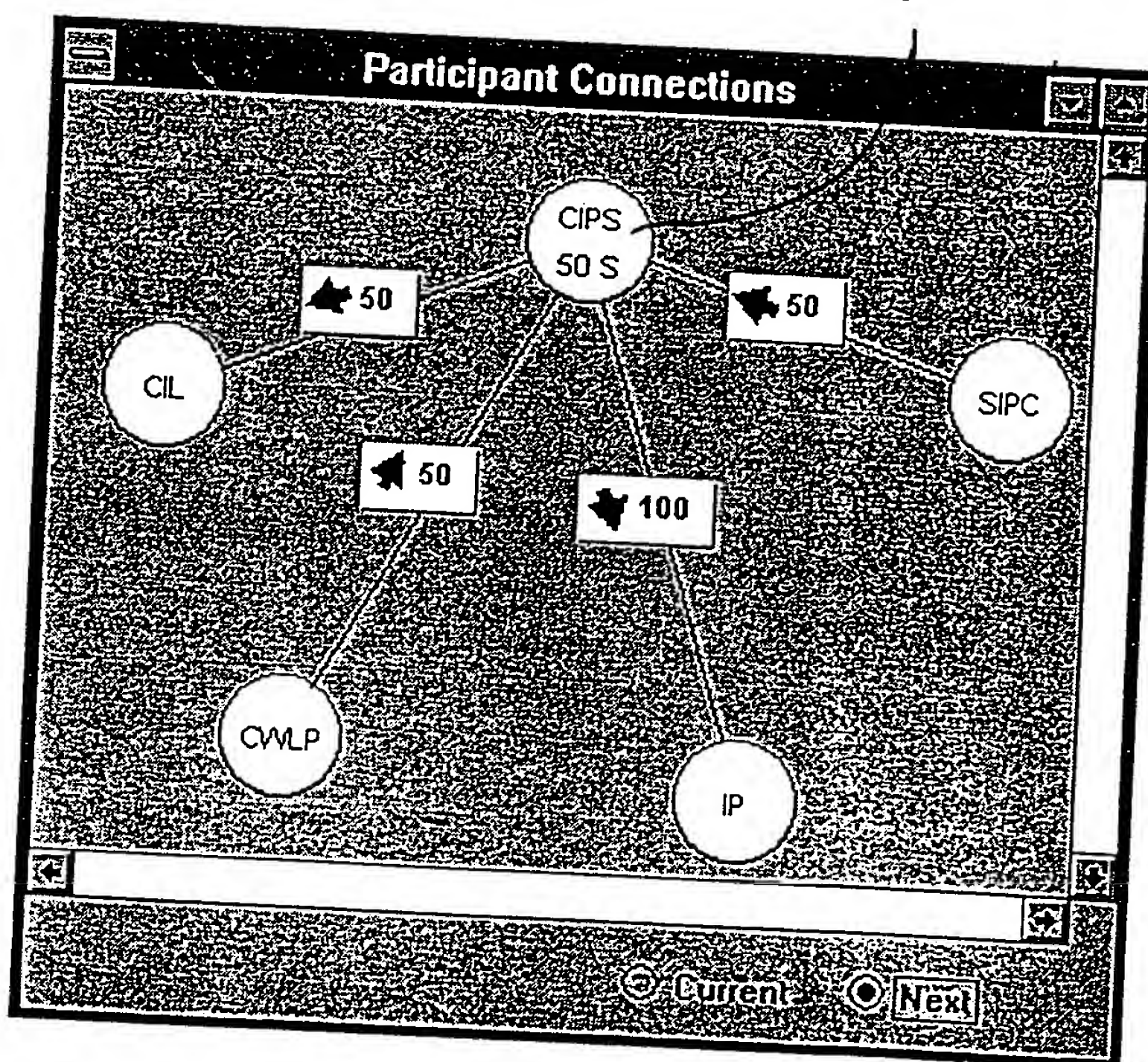


FIG. 34

220

FIG. 35



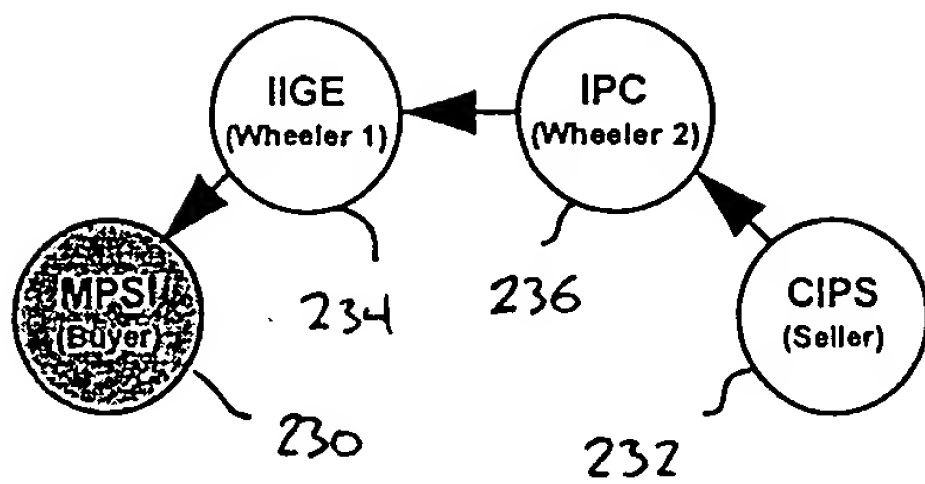


FIG. 36

FIG. 43

Transmission										
Interfaces	Max		Market Limit		Available		Scheduled Activity			
	In	Out	In	Out	In	Out	Transactions		Wheeling	
MPSI	400	350	200	350	200	200	0	100	0	50
IPC	500	350	150	350	33	350	0	0	117	0
IPW	700	700	200	250	160	183	40	0	0	67
									264	

Limit: 150 Neighbor: 180 Update

262

Acknowledge Curtail

The following transaction is curtailed for the Current Hour:

B/S	MWh	Interface	Interface
Wheel	50	IIGE	CIPS

Start Ramp at: 11:20

Ramp for: 0

Integrated:

MWh	\$	Interface	Interface
17	17.00	IIGE	CIPS

Acknowledge

FIG. 45

Acknowledge Curtail

The following transaction is curtailed for the Current Hour:

B/S	MWh	Interface	Interface
Wheel	67	IIGE	CIPS

Start Ramp at: 11:20

Ramp for: 0

Integrated:

MWh	\$	Interface	Interface
22	22.00	IIGE	CIPS

Acknowledge

FIG. 46

Initiate Curtail

Confirm the following curtail for the Current Hour:

B/S	MWh	\$/MWh	Interface
Buy	50	22.30	IIGE

Current Time: 11:16
 Start Ramp at: 20
 Ramp for: ☐ 0 Minutes
☒ 10 Minutes

Integrated:

B/S	MWh	\$/MWh	Interface
Buy	21	468.30	IIGE

240

Fig. 37

Acknowledge Curtail

The following transaction is curtailed for the Current Hour:

B/S	MWh	\$/MWh	Interface
Sell	50	20.00	IPC

Start Ramp at: 11:20
 Ramp for: 10

Integrated:

B/S	MWh	\$/MWh	Interface
Sell	21	420.00	IPC

252

Fig. 38

Acknowledge Failure

Please call:

Central Illinois Public Service Co.
 (555) 662-5489

Immediately to inform them of curtailment of the following transaction:

B/S	MWh	\$/MWh	Interface
Buy	50	22.30	IIGE

256

258

Fig. 39

Acknowledge Curtail

The following transaction is curtailed in the Current Hour:

B/S	MWh	Interface	Interface
Wheel	50	MPSI	IPC

Start Ramp at: 11:20

Ramp for: 10

Integrated:

MWh	\$	Interface	Interface
21	27.30	MPSI	IPC

Acknowledge

FIG. 40

Acknowledge Curtail

The following transaction is curtailed in the Current Hour:

B/S	MWh	Interface	Interface
Wheel	50	IIGE	CIPS

Start Ramp at: 11:20

Ramp for: 10

Integrated:

MWh	\$	Interface	Interface
21	21.00	IIGE	CIPS

Acknowledge

FIG. 41

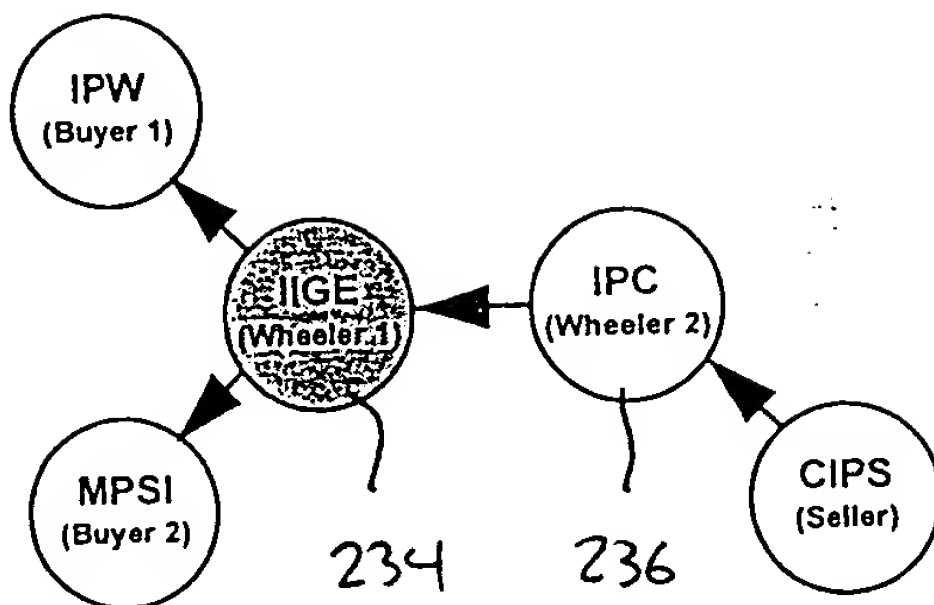


FIG. 42

FIG. 44

Initiate Curtail

Confirm the following curtail for the Current Hour:

B/S	MWh	Interface	Interface
Wheel	50	IPC	MPSI
Wheel	67	IPC	IPW

Current Time: 11:16

Start Ramp at: 20

Ramp for: ☒ 0 Minutes ☐ 10 Minutes

Integrated:

MWh	\$	Interface	Interface
17	22.10	IPC	MPSI
22	28.60	IPC	IPW

Confirm **Cancel**

274

276

268

270

272

Acknowledge Curtail

The following transaction is curtailed for the Current Hour:

B/S	MWh	\$/MWh	Interface
Sell	50	20.00	IPC

Start Ramp at: 11:20

Ramp for: 0

Integrated:

B/S	MWh	\$/MWh	Interface
Sell	17	340.00	IPC

Acknowledge

FIG. 47

Acknowledge Curtail

The following transaction is curtailed for the Current Hour:

B/S	MWh	\$/MWh	Interface
Sell	67	21.25	IPC

Start Ramp at: 11:20

Ramp for: 0

Integrated:

B/S	MWh	\$/MWh	Interface
Sell	22	467.50	IPC

Acknowledge

FIG. 48

Acknowledge Curtail

The following transaction is curtailed for the Current Hour:

B/S	MWh	\$/MWh	Interface
Buy	50	22.30	IIGE

Start Ramp at: 11:20

Ramp for: 0

Integrated:

B/S	MWh	\$/MWh	Interface
Buy	17	379.10	IIGE

Acknowledge

FIG. 49

Acknowledge Curtail

The following transaction is curtailed for the Current Hour:

B/S	MWh	\$/MWh	Interface
Buy	67	23.55	IIGE

Start Ramp at: 11:20

Ramp for: 0

Integrated:

B/S	MWh	\$/MWh	Interface
Buy	22	518.10	IIGE

Acknowledge

FIG. 50

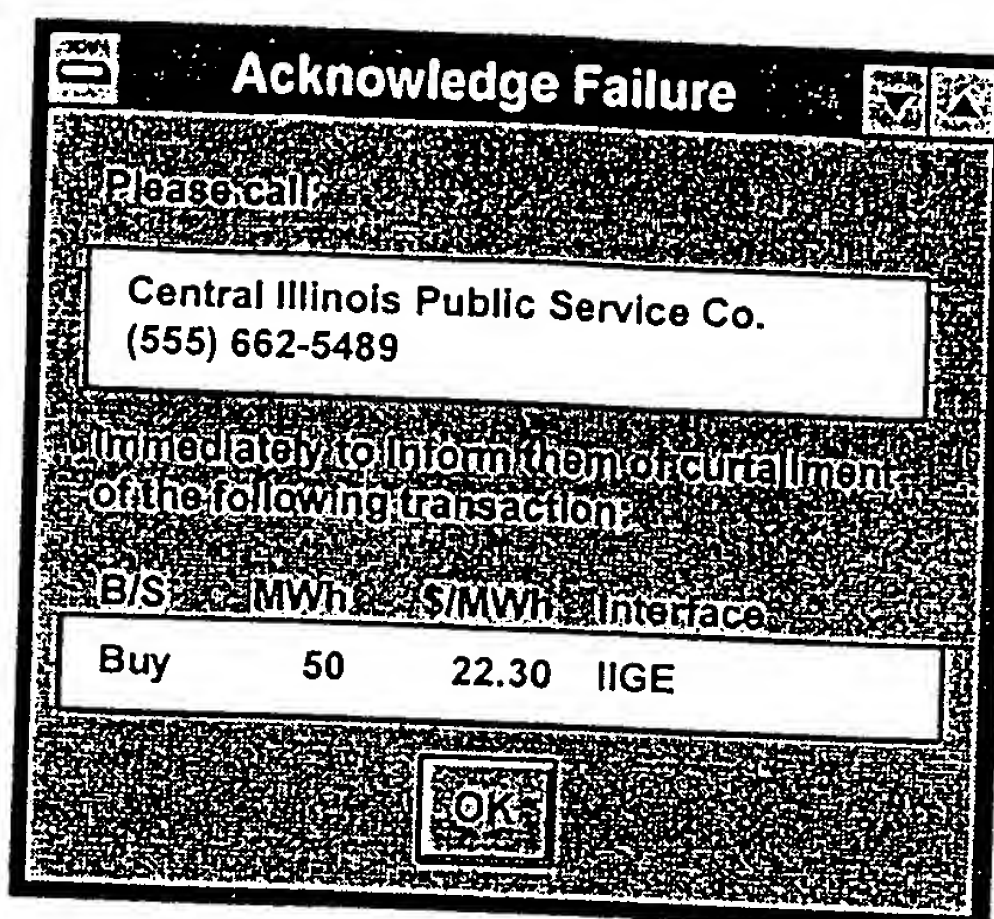


FIG. 51

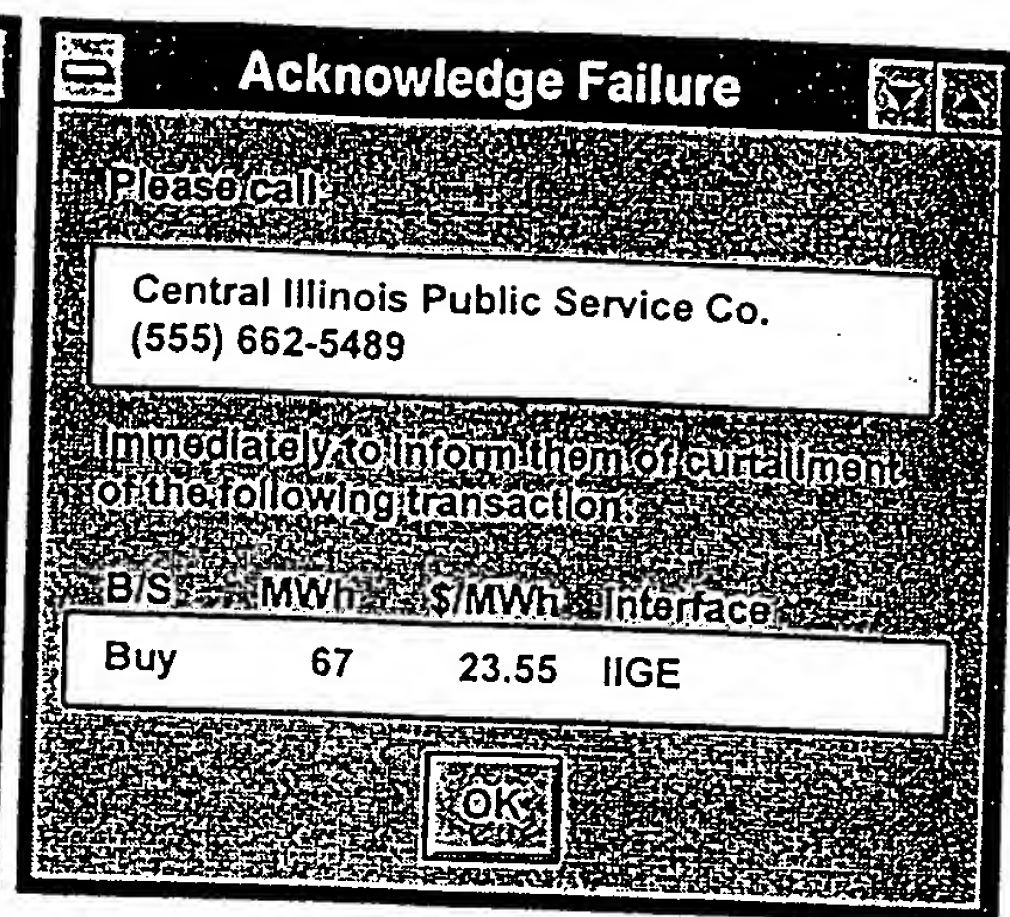


FIG. 52

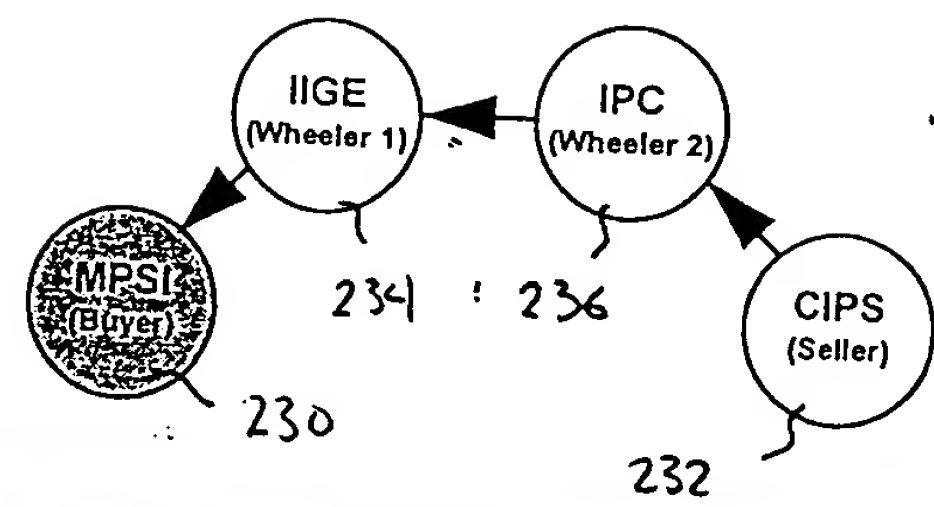


FIG. 53

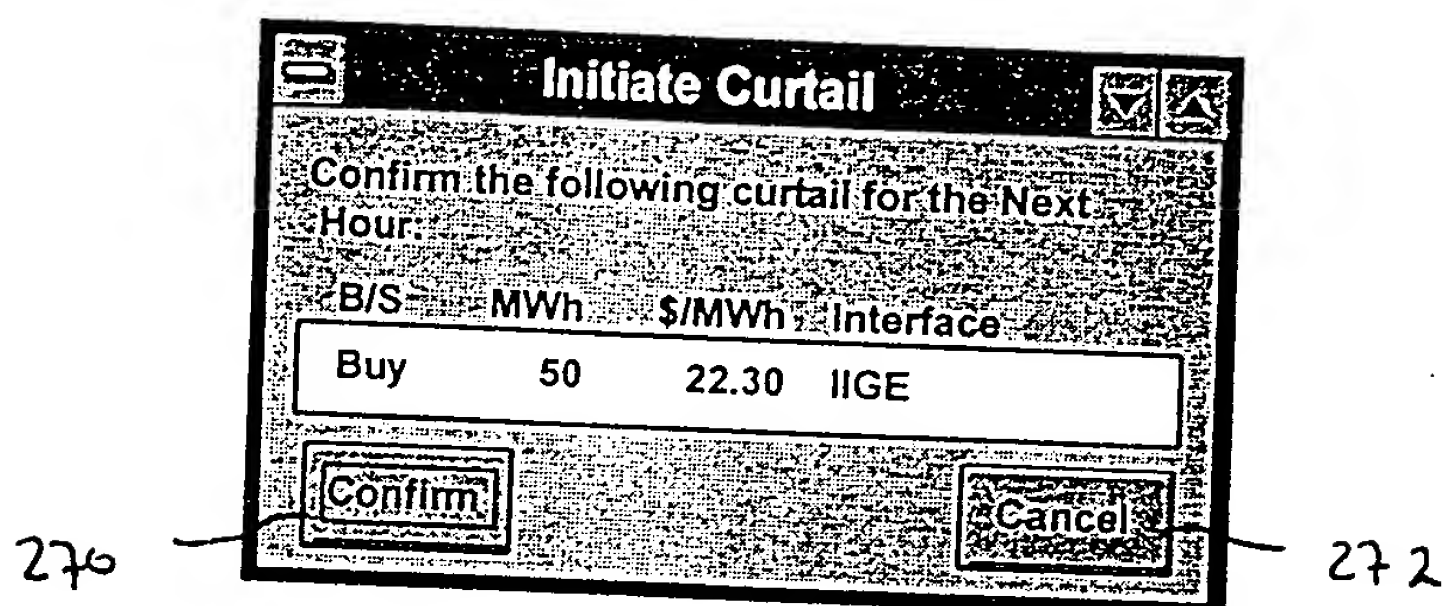


FIG. 54

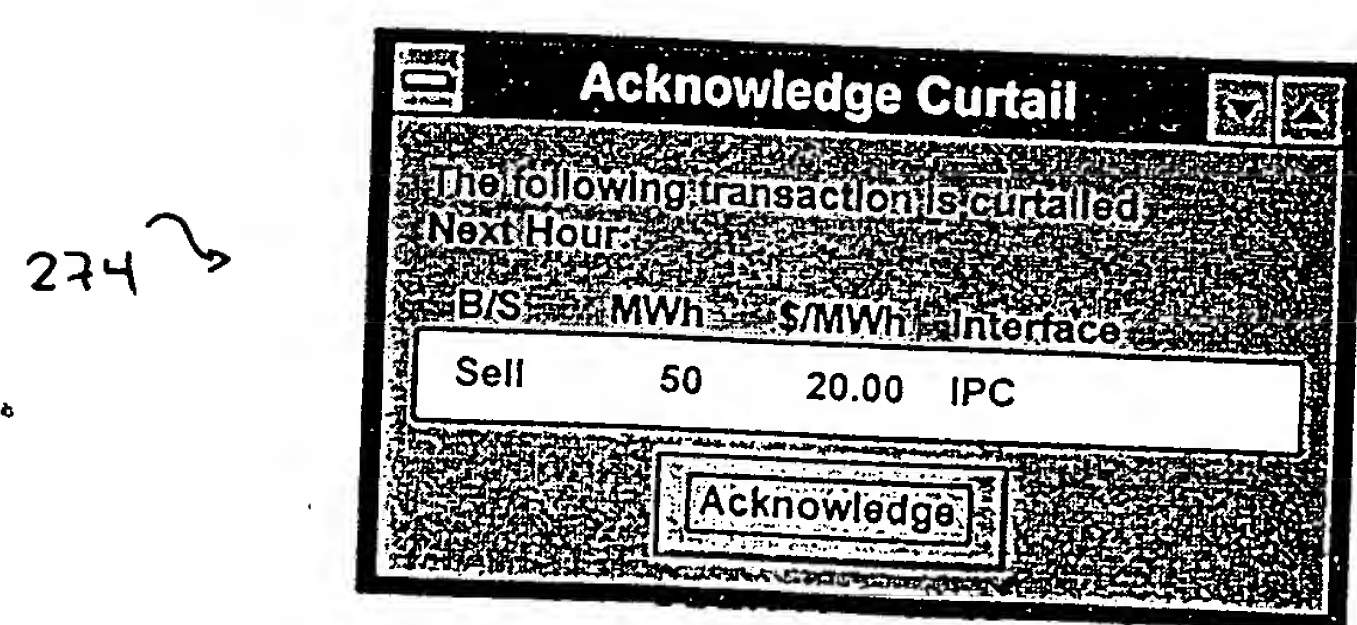


FIG. 55

Acknowledge Curtail

The following transaction is curtailed
Next Hour:

B/S	MWh	Interface	Interface
Wheel	50	MPSI	IPC

Acknowledge

FIG 56

Acknowledge Curtail

The following transaction is curtailed
Next Hour:

B/S	MWh	Interface	Interface
Wheel	50	IIGE	CIPS

Acknowledge

FIG. 57

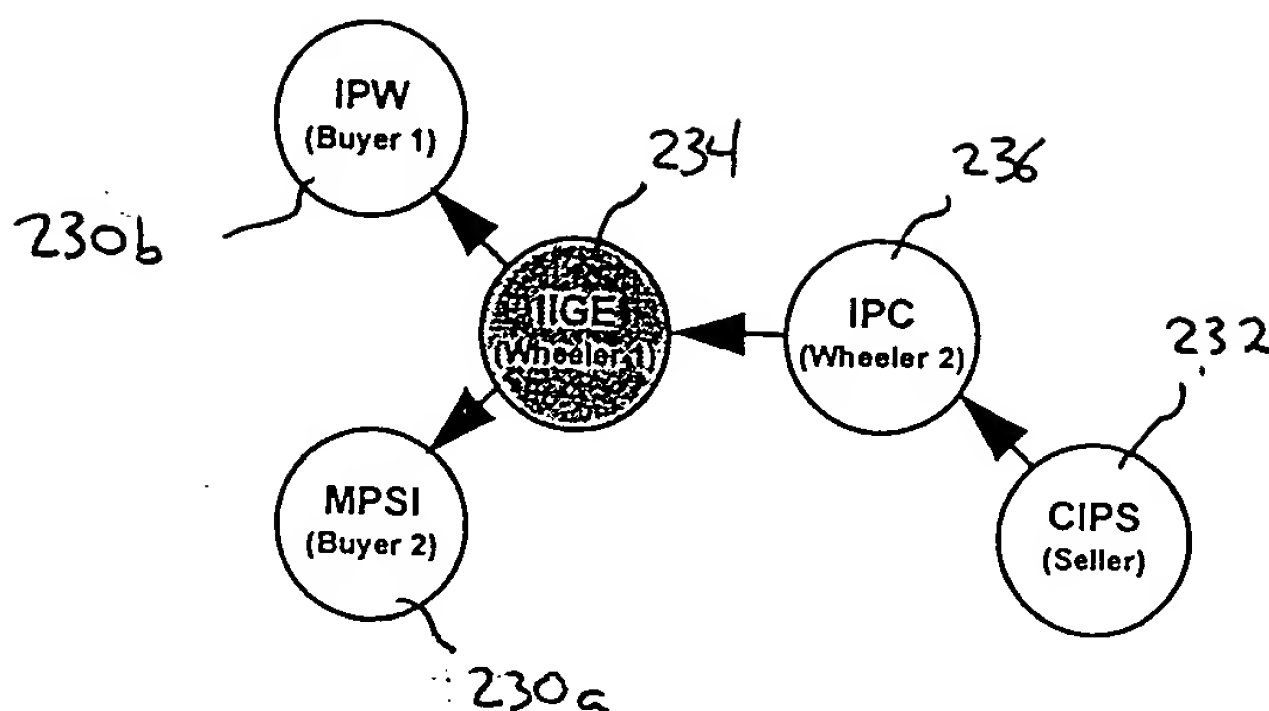


FIG. 58

Transmission

Interfaces	Max		Market Limit		Available		Scheduled Activity			
	In	Out	In	Out	In	Out	Transactions		Wheeling	
							In	Out	In	Out
MPSI	400	350	200	350	200	200	0	100	0	50
IPC	500	350	150	350	33	350	0	0	117	0
IPW	700	700	200	250	160	183	40	0	0	67

Limit: 150 Neighbor: 180 **Update**

278

FIG 59

282 ~

Initiate Curtail

Confirm the following curtail for the Next Hour:

B/S	MWh	Interface	Interface
Wheel	50	IPC	MPSI
Wheel	67	IPC	IPW

Confirm

Cancel

284

286

FIG. 60

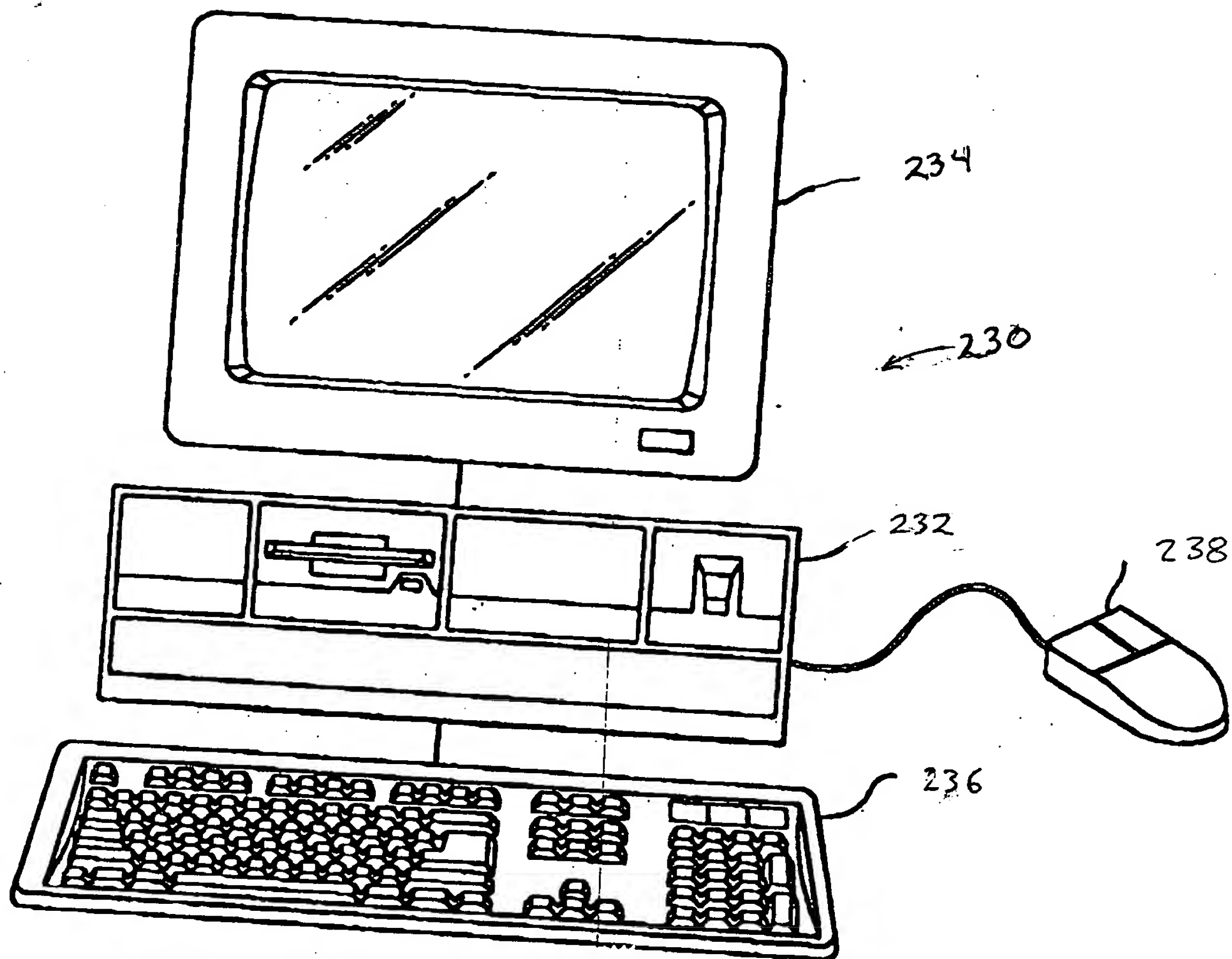


FIG. 61

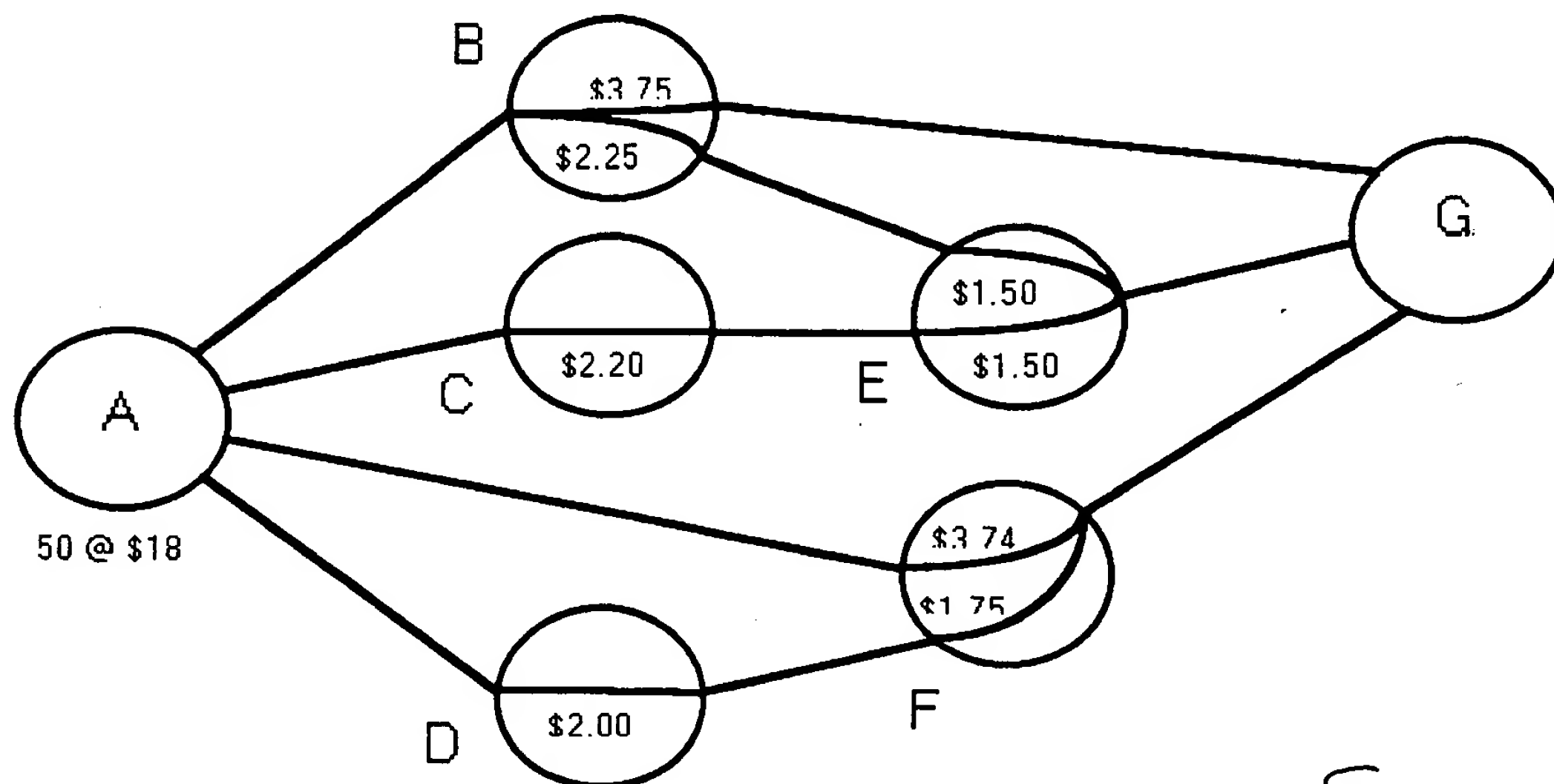


Fig. 62

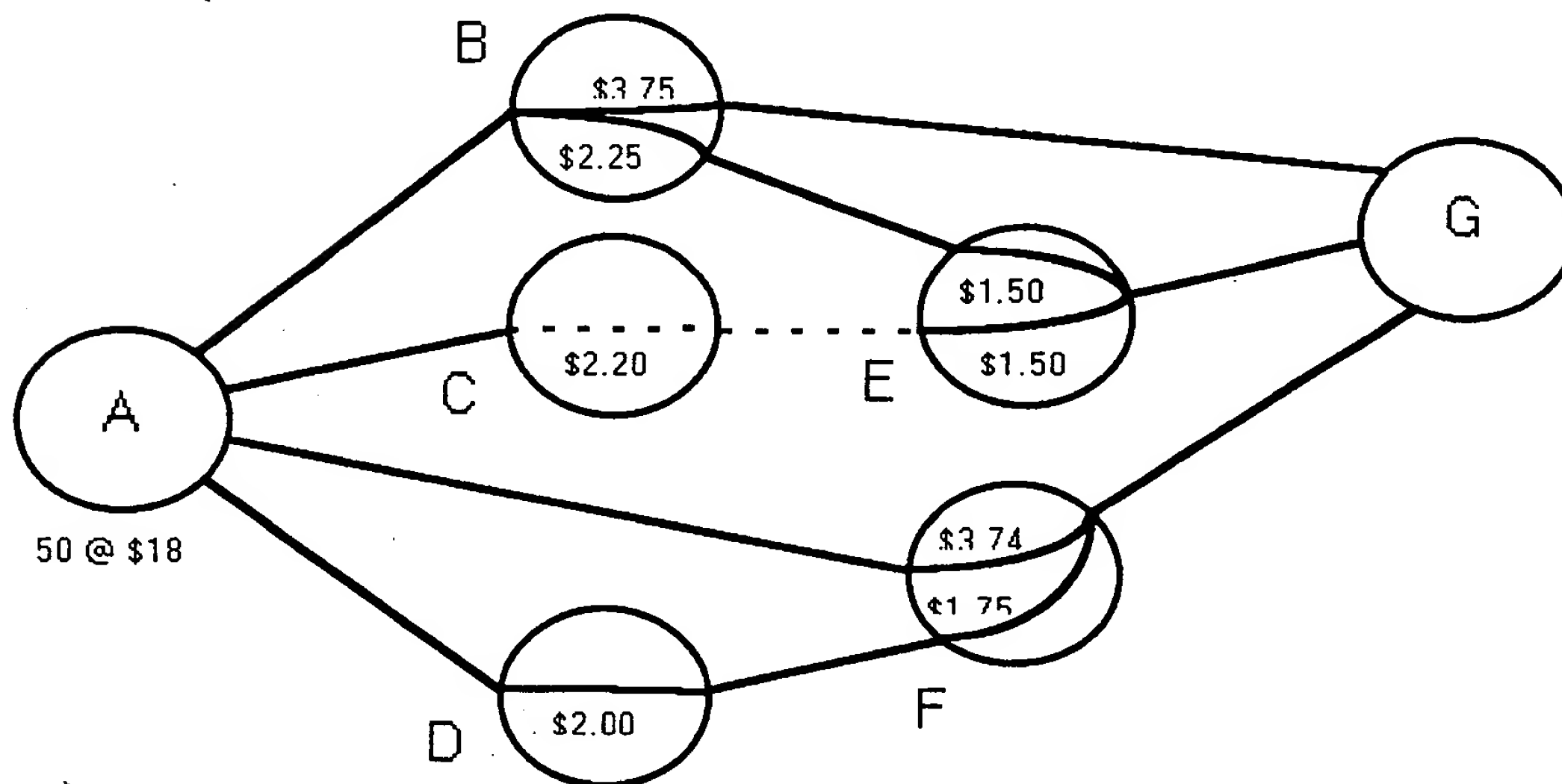


Fig. 63